

SEARCH REQUEST FORM**Scientific and Technical Information Center**

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 Art Unit: _____ Phone Number 301-____ Serial Number: _____
 Mail Box and Bldg Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Jan Delaval
 Reference Librarian
 Biotechnology & Chemical Library
 CM1 1E07 - 703-308-4498
 jan.delaval@uspto.gov

STAFF USE ONLY**Type of Search****Vendors and cost where applicable**

Searcher: _____	NA Sequence (#) _____	STN _____
Searcher Phone # _____	AA Sequence (#) _____	Dialog _____
Searcher Location _____	Structure (#) _____	Questel Orbit _____
Date Searcher Picked Up _____	Bibliographic _____	Dr. Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

100

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Figure 1 consists of two Western blot panels. The top panel is labeled 'p38' and the bottom panel is labeled 'p38 Δ '. Each panel has three lanes: 'Control', 'LPS', and 'LPS + NAC'. In the 'p38' panel, the 'LPS' lane shows a strong band, while the 'LPS + NAC' lane shows a significantly reduced band. In the 'p38 Δ ' panel, all three lanes (Control, LPS, LPS + NAC) show very faint bands, indicating a lack of phosphorylation. Molecular weight markers are indicated on the right at 36, 30, 24, and 20 kDa.

1. *Staphylococcus aureus* (ATCC 12228)
 2. *Staphylococcus aureus* (ATCC 12228)
 3. *Staphylococcus aureus* (ATCC 12228)
 4. *Staphylococcus aureus* (ATCC 12228)
 5. *Staphylococcus aureus* (ATCC 12228)
 6. *Staphylococcus aureus* (ATCC 12228)
 7. *Staphylococcus aureus* (ATCC 12228)
 8. *Staphylococcus aureus* (ATCC 12228)
 9. *Staphylococcus aureus* (ATCC 12228)
 10. *Staphylococcus aureus* (ATCC 12228)

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D).

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[illegible][illegible][illegible][illegible]

*** STRUCTURE WILLIAM D. BROWN AVAILABLE ***

Case	Model	Model description	Model parameters	Model results	Model validation	Model application
1	Model 1	Model 1: A simple linear regression model with one independent variable and one dependent variable.	$y = a + bx$	Model 1: A simple linear regression model with one independent variable and one dependent variable.	Model 1: A simple linear regression model with one independent variable and one dependent variable.	Model 1: A simple linear regression model with one independent variable and one dependent variable.
2	Model 2	Model 2: A multiple linear regression model with two independent variables and one dependent variable.	$y = a + b_1x_1 + b_2x_2$	Model 2: A multiple linear regression model with two independent variables and one dependent variable.	Model 2: A multiple linear regression model with two independent variables and one dependent variable.	Model 2: A multiple linear regression model with two independent variables and one dependent variable.
3	Model 3	Model 3: A quadratic regression model with one independent variable and one dependent variable.	$y = a + bx + cx^2$	Model 3: A quadratic regression model with one independent variable and one dependent variable.	Model 3: A quadratic regression model with one independent variable and one dependent variable.	Model 3: A quadratic regression model with one independent variable and one dependent variable.
4	Model 4	Model 4: A logistic regression model with one independent variable and one dependent variable.	$y = \frac{1}{1 + e^{-a - bx}}$	Model 4: A logistic regression model with one independent variable and one dependent variable.	Model 4: A logistic regression model with one independent variable and one dependent variable.	Model 4: A logistic regression model with one independent variable and one dependent variable.
5	Model 5	Model 5: A generalized linear model with one independent variable and one dependent variable.	$y = \frac{1}{1 + e^{-a - bx}}$	Model 5: A generalized linear model with one independent variable and one dependent variable.	Model 5: A generalized linear model with one independent variable and one dependent variable.	Model 5: A generalized linear model with one independent variable and one dependent variable.

Figure 1. (a) Schematic diagram of the experimental setup. (b) Photograph of the experimental setup. (c) Photograph of the experimental setup. (d) Photograph of the experimental setup.

[illegible]

人 員 調 動 及 其 他 情 形 。

[illegible][illegible]

REFERENCE 1: 14-1-10000
 REFERENCE 2: 14-1-10000
 REFERENCE 3: 14-1-10000
 REFERENCE 4: 14-1-10000
 REFERENCE 5: 14-1-10000
 REFERENCE 6: 14-1-10000
 REFERENCE 7: 14-1-10000
 REFERENCE 8: 14-1-10000
 REFERENCE 9: 14-1-10000
 REFERENCE 10: 14-1-10000

144 ANSWER 1: 14-1-10000
 RN 161384-17-4 14-1-10000
 CN Proteinase, matrix metallo-, MT-MMP-1 (9CI) 14-1-10000
 [HED] NAMEP:
 CN Matrix metalloprotease 14
 CN Matrix metalloproteinase 14
 CN Matrix metalloproteinase MT 1
 CN Matrix metalloproteinase MT-MMP-1
 CN Matrix metalloproteinase MT1-MMP
 CN Membrane type 1 matrix metalloproteinase
 CN Membrane type-1 matrix metalloprotease
 CN Membrane-type matrix metalloprotease 1
 CN Membrane-type matrix metalloproteinase 1
 CN Membrane-type matrix metalloproteinase MT1-MMP
 CN Membrane-type metalloproteinase MT1-MMP
 CN MMP-14
 CN MT-MMP
 CN MT1-MMP
 MF Described
 CI 14-1-10000
 CR 14-1-10000
 LC 14-1-10000: 14-1-10000, 14-1-10000, 14-1-10000, 14-1-10000, 14-1-10000

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
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 REFERENCE 2: 14-1-10000
 REFERENCE 3: 14-1-10000
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 REFERENCE 5: 14-1-10000
 REFERENCE 6: 14-1-10000
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 REFERENCE 8: 14-1-10000
 REFERENCE 9: 14-1-10000
 REFERENCE 10: 14-1-10000

REFERENCE 1: 161052-06-8

REFERENCE 2: 161052-06-8

144 ANSWER 6 OF 14 REGISTRY MARYRISHI, L. AND

PN 161052-06-8 REGISTRY

ON .beta.-Amyloid protein precursor

OTHER NAMES:

EN .beta.-amyloid

EN Leishmania major major surface proteinase gp63

EN Leishmania metalloproteinase

EN Proteinase, Leishmania mexicana amazonensis protein gp63 acid

EN .beta.-amyloid

MF .beta.-amyloid

EN .beta.-amyloid

EN .beta.-amyloid

EN .beta.-amyloid: .beta.-amyloid, .beta.-amyloid, .beta.-amyloid, .beta.-amyloid

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

EN .beta.-amyloid: .beta.-amyloid, .beta.-amyloid, .beta.-amyloid

EN .beta.-amyloid: .beta.-amyloid, .beta.-amyloid, .beta.-amyloid, .beta.-amyloid

EN .beta.-amyloid: .beta.-amyloid, .beta.-amyloid, .beta.-amyloid, .beta.-amyloid

REFERENCE 1: 161052-06-8

REFERENCE 2: 161052-06-8

REFERENCE 3: 161052-06-8

REFERENCE 4: 161052-06-8

REFERENCE 5: 161052-06-8

REFERENCE 6: 161052-06-8

REFERENCE 7: 161052-06-8

REFERENCE 8: 161052-06-8

REFERENCE 9: 161052-06-8

REFERENCE 10: 161052-06-8

144 ANSWER 6 OF 14 REGISTRY MARYRISHI, L. AND

PN 158736-49-3 REGISTRY

ON .beta.-Secretase 1

OTHER NAMES:

EN .beta.-amyloid

EN .beta.-Amyloid protein precursor

EN .beta.-site APP-cleaving enzyme

EN .beta.-site APP-cleaving enzyme

EN .beta.-site APP-cleaving enzyme

EN .beta.-site APP-cleaving enzyme

EN .beta.-site APP-cleaving enzyme

EN Aspartic protease BACE

EN Aspartic protease BACE1

EN Aspartic protease BACE2

EN .beta.-amyloid

EN .beta.-amyloid

EN Protease Asp1

EN Protease Asp2

EN Proteinase BACE1

EN Proteinase BACE2

β_1 β_2 β_3 β_4 β_5 β_6 β_7 β_8 β_9 β_{10} β_{11} β_{12} β_{13} β_{14} β_{15} β_{16} β_{17} β_{18} β_{19} β_{20} β_{21} β_{22} β_{23} β_{24} β_{25} β_{26} β_{27} β_{28} β_{29} β_{30} β_{31} β_{32} β_{33} β_{34} β_{35} β_{36} β_{37} β_{38} β_{39} β_{40} β_{41} β_{42} β_{43} β_{44} β_{45} β_{46} β_{47} β_{48} β_{49} β_{50} β_{51} β_{52} β_{53} β_{54} β_{55} β_{56} β_{57} β_{58} β_{59} β_{60} β_{61} β_{62} β_{63} β_{64} β_{65} β_{66} β_{67} β_{68} β_{69} β_{70} β_{71} β_{72} β_{73} β_{74} β_{75} β_{76} β_{77} β_{78} β_{79} β_{80} β_{81} β_{82} β_{83} β_{84} β_{85} β_{86} β_{87} β_{88} β_{89} β_{90} β_{91} β_{92} β_{93} β_{94} β_{95} β_{96} β_{97} β_{98} β_{99} β_{100}

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DATE 08-07-2009 BY 60322 UCBAW/BJS

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5	5	7	3	4	2	1	6																																																																																													

Table 1. *Salmonella* serotypes and their associated diseases

REFERENCE 1: 144114-1
 REFERENCE 2: 144114-2
 REFERENCE 3: 144114-3
 REFERENCE 4: 144114-4
 REFERENCE 5: 144114-5
 REFERENCE 6: 144114-6
 REFERENCE 7: 144114-7
 REFERENCE 8: 144114-8
 REFERENCE 9: 144114-9

144 ANSWER - F 14 REPRINTS COPYRIGHT 1984

BN 144114-21-6 REPRINTS

EN Retro-psin 201 1A INDEX NAME

OTHER NAMES:

EN Avian leukosis virus proteinase
 EN E.C. 3.4.23.14
 EN FIV proteinase
 EN Gag Protease
 EN HIV aspartyl protease
 EN HIV protease
 EN HIV proteinase
 EN HIV-1 aspartyl protease
 EN HIV-1 aspartyl proteinase
 EN HIV-1 protease
 EN HIV-1 proteinase
 EN HIV-1 virus aspartyl proteinase
 EN HIV-1 virus protease
 EN HIV-2 protease
 EN HTLV proteinase
 EN HTLV-1 proteinase
 EN Human immunodeficiency virus protease
 EN Mason-Pfizer monkey virus protease
 EN Moloney murine leukemia virus protease
 EN Retroproteinase
 EN Rous sarcoma virus protease
 EN RSV proteinase
 EN Simian immunodeficiency virus aspartyl proteinase
 EN Unspecified
 EN COM, MAN
 EN CH

EN SYN Files: ASPICOLA, BIOLOGINERS, BOWEN, CA, CAPLAN, CARPENT, CH,
 FROMT, TOMENTER, WHATL, WHATFELL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1445 REFERENCED IN FILE 1A 144114-1 1445

1446 REFERENCED IN N-N-AMINOACID DERIVATIVES IN FILE 1A

1447 REFERENCED IN FILE 1A 144114-1 1447

REFERENCE 1: 144114-1
 REFERENCE 2: 144114-2
 REFERENCE 3: 144114-3
 REFERENCE 4: 144114-4
 REFERENCE 5: 144114-5
 REFERENCE 6: 144114-6

REFERENCE 1: 136:10000

REFERENCE 2: 136:10001

REFERENCE 3: 136:10002

REFERENCE 4: 136:10003

REFERENCE 5: 136:10004

144 ANSWER 1: P14: 141760-45-4

PN 141760-45-4

IN Full-length protein

OTHER NAMES:

1. PACE

2. PACE

3. Serine proteinase PACE

4. Serine proteinase PACE

5. Saccharomyces cerevisiae gene QDS1 proteinase

6. Serine proteinase PACE

7. PACE

8. PACE

9. PACE

10. PACE

11. PACE

12. PACE

*** SEQUENCE DIAGRAM IS NOT AVAILABLE ***

1. PACE

2. PACE

3. PACE

REFERENCE 1: 136:10000

REFERENCE 2: 136:10001

REFERENCE 3: 136:10002

REFERENCE 4: 136:10003

REFERENCE 5: 136:10004

REFERENCE 6: 136:10005

REFERENCE 7: 136:10006

REFERENCE 8: 136:10007

REFERENCE 9: 136:10008

REFERENCE 10: 136:10009

144 ANSWER 1: P14: 139691-88-6

PN 139691-88-6

IN Proteinase, assembly protein precursor-processing (9CI)

OTHER NAMES:

1. PACE

2. PACE

3. Assembly protein precursor-processing proteinase

4. Cytomegalovirus protease

5. Gene UL26 protease

6. Herpes simplex virus 1 proteinase Pra

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

9 REFERENCES IN FILE CA (1967 TO DATE)
9 REFERENCES IN FILE CABLUS (1967 TO DATE)

REFERENCE 1: 1967:104

REFERENCE 2: 1967:104

REFERENCE 3: 1967:104

REFERENCE 4: 1967:104

REFERENCE 5: 1967:104

REFERENCE 6: 1967:104

REFERENCE 7: 1967:104

REFERENCE 8: 1967:104

REFERENCE 9: 1967:104

REFERENCE 10: 1967:104

144 ANSWER 11 OF 14 REGISTRY COPYRIGHT 1967 AM

RN 115775-22-9 REGISTRY

CN Proteinase, tobacco etch virus cysteine (9CI) W. HENK HAN

OTHER NAMES:

CN TEV protease

CN Tobacco etch virus cysteine proteinase

CN Tobacco etch virus protease

MF Unspecified

SI 100

SA CA

LC STN Files: BISSID, CA, CABLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

9 REFERENCES IN FILE CA (1967 TO DATE)
9 REFERENCES IN FILE CABLUS (1967 TO DATE)

REFERENCE 1: 1967:104

REFERENCE 2: 1967:104

REFERENCE 3: 1967:104

REFERENCE 4: 1967:104

REFERENCE 5: 1967:104

REFERENCE 6: 1967:104

REFERENCE 7: 1967:104

REFERENCE 8: 1967:104

REFERENCE 9: 1967:104

144 ANSWER 12 OF 14 REGISTRY COPYRIGHT 1967 AM

RN 99676-46-7 REGISTRY

CN Hexin, 1901 CA INDEX NAME

REFERENCE 1: 100111441

REFERENCE 2: 100111442

REFERENCE 3: 100111443

144 ANSWER 14 F 14 PROTEINASE Cysteine (9CI) A UNIN 0000

145 37353-41-6 PROTEINASE

146 Proteinase, cysteine (9CI) A UNIN 0000

147 OTHER NAMES:

148 Cysteine endoprotease

149 Cysteine endoprotease

150 Cysteine protease

151 Cysteine protease

152 Cysteine proteinase

153 L-Cysteine proteinase

154 Mercapto proteinase

155 Papain

156 Papain-like cysteine protease

157 Sulfhydryl endoprotease

158 Sulfhydryl endoprotease

159 Sulfhydryl protease

160 Sulfhydryl proteinase

161 Thiol endoprotease

162 Thiol endoprotease

163 Thiol protease

164 Thiol proteinase

165 Thioprotease

166 Thioprotease

167 100111441, 100111442, 100111443, 100111444, 100111445

168 100111446

169 100111447

170 STN Files: ADISNEWS, AGRICOLA, BIOBIOGRAPH, BIOSIS, BIONETWORK, CA, CASLIP, CEN, CIN, EMBASE, MEDLINE, PRON, J N CENTER, SYNTHEX.

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1. REFERENCED IN FILE 100111441

2. REFERENCED IN FILE 100111442

3. REFERENCED IN FILE 100111443

REFERENCE 1: 100111441

REFERENCE 2: 100111442

REFERENCE 3: 100111443

REFERENCE 4: 100111444

REFERENCE 5: 100111445

REFERENCE 6: 100111446

REFERENCE 7: 100111447

REFERENCE 8: 100111448

REFERENCE 9: 100111449

REFERENCE 10: 100111450

100111451

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the control group. The experimental group was divided into two subgroups: the experimental group and the experimental group.

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High throughput or "library-based" screening of libraries of compounds for biological activity

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Trial	Control (n=10)	MCI (n=10)	AD (n=10)
1	95	85	75
2	95	85	75
3	95	80	70
4	95	75	65
5	95	75	65

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28°C. The cell concentration of the *Agrobacterium* strains was adjusted to 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and the transformation efficiency was determined. The results are the mean of three independent experiments. Error bars represent standard deviation.

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: 'Stimulus presentation', 'Response', 'Feedback', and 'Inter-trial interval'. The sequence is repeated for multiple trials.

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1. *What is the purpose of the study?*
 2. *What are the research objectives?*
 3. *What is the research methodology?*
 4. *What are the results of the study?*
 5. *What are the conclusions of the study?*

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- libraries** of compds. for biol. activities
- 17 **Phosphates, biological studies**
 RL: RW (Biological use, unpublished); PI (Biological study); WEF (Use)
 (cell encapsulation in liposomes in; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Metabolites**
 (cell encapsulation in; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Cells**
 (cell encapsulation in; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Fluorescent substances**
 (as assay substrates; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Bacillus** (bacterial genus)
 Paramyxins
 Streptomyces
 Streptomyces (bacterial genus)
 (as cloning vectors; DNA substrates; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Fluorophores**
 RL: AAS (Analytical reagent use); AUNT (Analytical study); WEF (Use)
 (as fluorophores; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Neutron**
 (bacteria, screening of; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Spheres**
 (beads, Paramagnetic; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **DNA**
 RL: AAS (Analytical reagent use); AUNT (Analytical study); WEF (Use)
 (cloning vectors; DNA substrates; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Lipids, biological studies**
 Glycolipids
 Phosphatidylcholines, biological studies
 Phospholipids, biological studies
 Sphingomyelins
 Steroids, biological studies
 Lecithins
 RL: RW (Biological use, unpublished); PI (Biological study); WEF (Use)
 (cell encapsulation in liposomes in; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Liposomes**
 Microcapsules
 (cell encapsulation in; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Erythrocyte**
 (cell membrane, cell encapsulation in; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Genomic library**
 (combinatorial; high throughput or capillary-based screening of **libraries** of compds. for biol. activities)
- 17 **Sequencing**

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11 **Screening of libraries**
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- fluorescent proteins and their use in proteinase assay; proteinase substrate-encoding; fusion proteins conts. two nonidentical fluorescent proteins and their use in proteinase assay; proteinase assay; proteinase inhibitor assay
- 17 Proteins
 RI: APL Analytical research; RIL Biological research; RML Analytical study; RIL Biological study; RPL Preparation; RPL Properties
- green fluorescent, fusion proteins; fusion proteins conts. two nonidentical fluorescent proteins and their use in proteinase assay; proteinase assay; proteinase inhibitor assay
- 17 Proteins
 RI: APL Analytical research; RIL Biological research; RML Analytical study; RIL Biological study; RPL Preparation; RPL Properties
- green fluorescent, fusion proteins; fusion proteins conts. two nonidentical fluorescent proteins and their use in proteinase assay; proteinase assay; proteinase inhibitor assay
- 17 Molecular cloning
 : proteinase substrate DNA; fusion proteins conts. two nonidentical fluorescent proteins and their use in proteinase assay; proteinase assay; proteinase inhibitor assay
- 17 Protein sequences
 : GST-Fil-1 fusion proteins
- 17 Plasmid vectors
 : GSTer, proteinase substrate-encoding; fusion proteins conts. two nonidentical fluorescent proteins and their use in proteinase assay; proteinase assay; proteinase inhibitor assay
- 17 Plasmid vectors
 : GSTer, proteinase substrate-encoding; fusion proteins conts. two nonidentical fluorescent proteins and their use in proteinase assay; proteinase assay; proteinase inhibitor assay
- 17 Escherichia coli
 : proteinase substrate; fusion proteins conts. two nonidentical fluorescent proteins and their use in proteinase assay; proteinase assay; proteinase inhibitor assay
- 17 115775-22-9, Tissue plasminogen activator 139691-88-6, Human, Tissue plasminogen activator 144114-21-6, B-cell proteinase 9001-92-7, Proteinase
 RI: ANT Analyte; RNT Analytical study
 fusion proteins conts. two nonidentical fluorescent proteins and their use in proteinase assay; proteinase assay; proteinase inhibitor assay
- 17 9001-92-7, Proteinase
 RI: ANT Analyte; RNT Analytical study
 fusion proteins conts. two nonidentical fluorescent proteins and their use in proteinase assay; proteinase assay; proteinase inhibitor assay
- 17 399104-41-7P 399104-42-8P
 RI: APL Analytical research; RIL Biological research; RML Analytical study; RIL Biological study; RPL Preparation; RPL Properties

and the envelope protein. In another embodiment, the viral display packages display recombinant envelope proteins, in which a protease is fused to the envelope protein. A fusion of a protease and a transmembrane segment of the envelope protein and a transmembrane segment of the envelope protein. Recombinant envelope proteins are selected to display envelope proteins with a specific protease. The methods include identifying candidate polynucleotide molecules encoding protease using viral display package comprising chimeric envelope protein.

proteases, and identifying candidate polynucleotide molecules encoding substrate polypeptide. The examples include the ability to identify cloning of metalloproteinase, HIV-1, and HIV-1 protease.

IT protease gene identification cloning viral display envelope protein

IT Marine leukemia virus

477A, envelope protein ; methods for identifying candidate polynucleotide molecules encoding protease using viral display package comprising chimeric envelope protein

IT Transcription factors

RI: AKS Analytical reagent use ; BUI Biological use, unclassified ; ANST Analytical study ; BUI Biological study ; USES Uses
 1044-1 Antigen 1044 ligand, envelope protein comprising protein comprising; methods for identifying candidate polynucleotide molecules encoding protease using viral display package comprising chimeric envelope protein

IT Glycoproteins, specific or class

RI: AKS Analytical reagent use ; BUI Biological use, unclassified ; ANST Analytical study ; BUI Biological study ; USES Uses
 1044-1 Antigen 1044 ligand, envelope protein comprising; methods for identifying candidate polynucleotide molecules encoding protease using viral display package comprising chimeric envelope protein

IT Transcription factors

RI: AKS Analytical reagent use ; BUI Biological use, unclassified ; ANST Analytical study ; BUI Biological study ; USES Uses
 1044, envelope protein comprising; methods for identifying candidate polynucleotide molecules encoding protease using viral display package comprising chimeric envelope protein

IT Transcription factors

RI: AKS Analytical reagent use ; BUI Biological use, unclassified ; ANST Analytical study ; BUI Biological study ; USES Uses
 1044, envelope protein comprising; methods for identifying candidate polynucleotide molecules encoding protease using viral display package comprising chimeric envelope protein

IT Animal cell lines

TEV1, target gene; methods for identifying candidate polynucleotide molecules encoding protease using viral display package comprising chimeric envelope protein

IT Animal cell resistance

antibiotic resistance gene or marker; methods for identifying candidate polynucleotide molecules encoding protease using viral display package comprising chimeric envelope protein

IT Proteins, specific or class

RI: BUI Biological study, unclassified ; BUI Biological study

fusion protein; methods : identifying nucleic acid
polynucleotide nucleic acid encoding protease
using viral display process comprising chimeric envelope
protein

II Proteins, specific to class

Ex: GFP, GFP- β -galactosidase, β -galactosidase; GFP- β -galactosidase
green fluorescent, gene encoding
reporter gene; methods :
identifying nucleic acid polynucleotide nucleic acid encoding
protease using viral display process comprising
chimeric envelope protein

II Proteins, specific to class

Ex: GFP, GFP- β -galactosidase, β -galactosidase; GFP- β -galactosidase
Analytical assay; GFP- β -galactosidase; GFP- β -galactosidase
reporter gene; methods : identifying nucleic acid polynucleotide
nucleic acid encoding protease using viral display process
comprising chimeric envelope protein

II Genetic methods

Genetic methods

Molecular cloning

Nucleic acid amplification method

Transfection, genetic

cDNA library

methods : identifying nucleic acid polynucleotide
nucleic acid encoding protease using viral display process
comprising chimeric envelope protein

II Primer nucleic acid

Reporter gene

Ex: GFP, GFP- β -galactosidase, β -galactosidase; GFP- β -galactosidase
Analytical assay; GFP- β -galactosidase; GFP- β -galactosidase
methods : identifying nucleic acid polynucleotide
nucleic acid encoding protease using viral display process
comprising chimeric envelope protein

II Virus vectors

polynucleotide nucleic acid encoding; methods :
identifying nucleic acid polynucleotide nucleic acid encoding
protease using viral display process comprising
chimeric envelope protein

II Virus

polynucleotide nucleic acid encoding; methods :
identifying nucleic acid polynucleotide nucleic acid encoding
protease using viral display process comprising
chimeric envelope protein

II Infection

polynucleotide nucleic acid encoding; methods :
identifying nucleic acid polynucleotide nucleic acid encoding
protease using viral display process comprising
chimeric envelope protein

II Non-viral

polynucleotide nucleic acid encoding; methods :
identifying nucleic acid polynucleotide nucleic acid encoding
protease using viral display process comprising
chimeric envelope protein

II Protein

protease using viral display process; methods :
identifying nucleic acid polynucleotide nucleic acid encoding
protease using viral display process comprising
chimeric envelope protein

II Infection

polynucleotide nucleic acid encoding; methods :
identifying nucleic acid polynucleotide nucleic acid encoding
protease using viral display process comprising chimeric envelope

[illegible]

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11 134:112228
12 Fluorescent fusion protein as
13 reporter substrate for my. leprostatic protein
14 protease detection
15 Tissue, Human; Minotoma, Human; Flare, etc
16 NEB 1997, 1998
17 Gen. Med. 1 Sept 1997, 1998
18 134:112228
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11 Fluorescent fusion protein
12 reporter substrate : : protease
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fluorescent, pH 7; fluorescent fusion protein as reporter substrate for protease activity.

1. 在 1997 年 12 月 31 日以前，
 2. 在 1997 年 12 月 31 日以前，
 3. 在 1997 年 12 月 31 日以前，

9001-92-7, Protease

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[illegible]

fluorescent fusion protein as reporter substrate for protease activity.

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was significantly higher than the number of incorrect responses in all conditions. The number of correct responses was significantly higher than the number of incorrect responses in all conditions. The number of correct responses was significantly higher than the number of incorrect responses in all conditions.

substrates for the proteases

peptide 122-131

2000; 2001; 2002; 2003; 2004; 2005; 2006; 2007; 2008; 2009; 2010; 2011; 2012; 2013; 2014; 2015; 2016; 2017; 2018; 2019; 2020; 2021; 2022; 2023; 2024; 2025; 2026; 2027; 2028; 2029; 2030; 2031; 2032; 2033; 2034; 2035; 2036; 2037; 2038; 2039; 2040; 2041; 2042; 2043; 2044; 2045; 2046; 2047; 2048; 2049; 2050; 2051; 2052; 2053; 2054; 2055; 2056; 2057; 2058; 2059; 2060; 2061; 2062; 2063; 2064; 2065; 2066; 2067; 2068; 2069; 2070; 2071; 2072; 2073; 2074; 2075; 2076; 2077; 2078; 2079; 2080; 2081; 2082; 2083; 2084; 2085; 2086; 2087; 2088; 2089; 2090; 2091; 2092; 2093; 2094; 2095; 2096; 2097; 2098; 2099; 2100; 2101; 2102; 2103; 2104; 2105; 2106; 2107; 2108; 2109; 2110; 2111; 2112; 2113; 2114; 2115; 2116; 2117; 2118; 2119; 2120; 2121; 2122; 2123; 2124; 2125; 2126; 2127; 2128; 2129; 2130; 2131; 2132; 2133; 2134; 2135; 2136; 2137; 2138; 2139; 2140; 2141; 2142; 2143; 2144; 2145; 2146; 2147; 2148; 2149; 2150; 2151; 2152; 2153; 2154; 2155; 2156; 2157; 2158; 2159; 2160; 2161; 2162; 2163; 2164; 2165; 2166; 2167; 2168; 2169; 2170; 2171; 2172; 2173; 2174; 2175; 2176; 2177; 2178; 2179; 2180; 2181; 2182; 2183; 2184; 2185; 2186; 2187; 2188; 2189; 2190; 2191; 2192; 2193; 2194; 2195; 2196; 2197; 2198; 2199; 2200; 2201; 2202; 2203; 2204; 2205; 2206; 2207; 2208; 2209; 2210; 2211; 2212; 2213; 2214; 2215; 2216; 2217; 2218; 2219; 2220; 2221; 2222; 2223; 2224; 2225; 2226; 2227; 2228; 2229; 2230; 2231; 2232; 2233; 2234; 2235; 2236; 2237; 2238; 2239; 2240; 2241; 2242; 2243; 2244; 2245; 2246; 2247; 2248; 2249; 2250; 2251; 2252; 2253; 2254; 2255; 2256; 2257; 2258; 2259; 2260; 2261; 2262; 2263; 2264; 2265; 2266; 2267; 2268; 2269; 2270; 2271; 2272; 2273; 2274; 2275; 2276; 2277; 2278; 2279; 2280; 2281; 2282; 2283; 2284; 2285; 2286; 2287; 2288; 2289; 2290; 2291; 2292; 2293; 2294; 2295; 2296; 2297; 2298; 2299; 2300; 2301; 2302; 2303; 2304; 2305; 2306; 2307; 2308; 2309; 2310; 2311; 2312; 2313; 2314; 2315; 2316; 2317; 2318; 2319; 2320; 2321; 2322; 2323; 2324; 2325; 2326; 2327; 2328; 2329; 2330; 2331; 2332; 2333; 2334; 2335; 2336; 2337; 2338; 2339; 2340; 2341; 2342; 2343; 2344; 2345; 2346; 2347; 2348; 2349; 2350; 2351; 2352; 2353; 2354; 2355; 2356; 2357; 2358; 2359; 2360; 2361; 2362; 2363; 2364; 2365; 2366; 2367; 2368; 2369; 2370; 2371; 2372; 2373; 2374; 2375; 2376; 2377; 2378; 2379; 2380; 2381; 2382; 2383; 2384; 2385; 2386; 2387; 2388; 2389; 2390; 2391; 2392; 2393; 2394; 2395; 2396; 2397; 2398; 2399; 2400; 2401; 2402; 2403; 2404; 2405; 2406; 2407; 2408; 2409; 2410; 2411; 2412; 2413; 2414; 2415; 2416; 2417; 2418; 2419; 2420; 2421; 2422; 2423; 2424; 2425; 2426; 2427; 2428; 2429; 2430; 2431; 2432; 2433; 2434; 2435; 2436; 2437; 2438; 2439; 2440; 2441; 2442; 2443; 2444; 2445; 2446; 2447; 2448; 2449; 2450; 2451; 2452; 2453; 2454; 2455; 2456; 2457; 2458; 2459; 2460; 2461; 2462; 2463; 2464; 2465; 2466; 2467; 2468; 2469; 2470; 2471; 2472; 2473; 2474; 2475; 2476; 2477; 2478; 2479; 2480; 2481; 2482; 2483; 2484; 2485; 2486; 2487; 2488; 2489; 2490; 2491; 2492; 2493; 2494; 2495; 2496; 2497; 2498; 2499; 2500; 2501; 2502; 2503; 2504; 2505; 2506; 2507; 2508; 2509; 2510; 2511; 2512; 2513; 2514; 2515; 2516; 2517; 2518; 2519; 2520; 2521; 2522; 2523; 2524; 2525; 2526; 2527; 2528; 2529; 2530; 2531; 2532; 2533; 2534; 2535; 2536; 2537; 2538; 2539; 2540; 2541; 2542; 2543; 2544; 2545; 2546; 2547; 2548; 2549; 2550; 2551; 2552; 2553; 2554; 2555; 2556; 2557; 2558; 2559; 2560; 2561; 2562; 2563; 2564; 2565; 2566; 2567; 2568; 2569; 2570; 2571; 2572; 2573; 2574; 2575; 2576; 2577; 2578; 2579; 2580; 2581; 2582; 2583; 2584; 2585; 2586; 2587; 2588; 2589; 2590; 2591; 2592; 2593; 2594; 2595; 2596; 2597; 2598; 2599; 2600; 2601; 2602; 2603; 2604; 2605; 2606; 2607; 2608; 2609; 2610; 2611; 2612; 2613; 2614; 2615; 2616; 2617; 2618; 2619; 2620; 2621; 2622; 2623; 2624; 2625; 2626; 2627; 2628; 2629; 2630; 2631; 2632; 2633; 2634; 2635; 2636; 2637; 2638; 2639; 2640; 2641; 2642; 2643; 2644; 2645; 2646; 2647; 2648; 2649; 2650; 2651; 2652; 2653; 2654; 2655; 2656; 2657; 2658; 2659; 2660; 2661; 2662; 2663; 2664; 2665; 2666; 2667; 2668; 2669; 2670; 2671; 2672; 2673; 2674; 2675; 2676; 2677; 2678; 2679; 2680; 2681;

NO. 10-11-1967

1. *Chlorophyll a* (Chl *a*) and *Chlorophyll b* (Chl *b*) were determined using the method of Lichtenthaler and Whistler (1987). The total chlorophyll content was determined using the method of Lichtenthaler and Whistler (1987). The total chlorophyll content was determined using the method of Lichtenthaler and Whistler (1987).

Table 1. *Continued*

Journal of Management Education 36(7) 809–824

[illegible][illegible][illegible]

Fluorogenic substrates : 1.0000000000

proteolytic enzymes 10221-10227, 10231-10237, 10241-10247, 10251-10257, 10261-10267, 10271-10277, 10281-10287, 10291-10297, 10301-10307, 10311-10317, 10321-10327, 10331-10337, 10341-10347, 10351-10357, 10361-10367, 10371-10377, 10381-10387, 10391-10397, 10401-10407, 10411-10417, 10421-10427, 10431-10437, 10441-10447, 10451-10457, 10461-10467, 10471-10477, 10481-10487, 10491-10497, 10501-10507, 10511-10517, 10521-10527, 10531-10537, 10541-10547, 10551-10557, 10561-10567, 10571-10577, 10581-10587, 10591-10597, 10601-10607, 10611-10617, 10621-10627, 10631-10637, 10641-10647, 10651-10657, 10661-10667, 10671-10677, 10681-10687, 10691-10697, 10701-10707, 10711-10717, 10721-10727, 10731-10737, 10741-10747, 10751-10757, 10761-10767, 10771-10777, 10781-10787, 10791-10797, 10801-10807, 10811-10817, 10821-10827, 10831-10837, 10841-10847, 10851-10857, 10861-10867, 10871-10877, 10881-10887, 10891-10897, 10901-10907, 10911-10917, 10921-10927, 10931-10937, 10941-10947, 10951-10957, 10961-10967, 10971-10977, 10981-10987, 10991-10997, 11001-11007, 11011-11017, 11021-11027, 11031-11037, 11041-11047, 11051-11057, 11061-11067, 11071-11077, 11081-11087, 11091-11097, 11101-11107, 11111-11117, 11121-11127, 11131-11137, 11141-11147, 11151-11157, 11161-11167, 11171-11177, 11181-11187, 11191-11197, 11201-11207, 11211-11217, 11221-11227, 11231-11237, 11241-11247, 11251-11257, 11261-11267, 11271-11277, 11281-11287, 11291-11297, 11301-11307, 11311-11317, 11321-11327, 11331-11337, 11341-11347, 11351-11357, 11361-11367, 11371-11377, 11381-11387, 11391-11397, 11401-11407, 11411-11417, 11421-11427, 11431-11437, 11441-11447, 11451-11457, 11461-11467, 11471-11477, 11481-11487, 11491-11497, 11501-11507, 11511-11517, 11521-11527, 11531-11537, 11541-11547, 11551-11557, 11561-11567, 11571-11577, 11581-11587, 11591-11597, 11601-11607, 11611-11617, 11621-11627, 11631-11637, 11641-11647, 11651-11657, 11661-11667, 11671-11677, 11681-11687, 11691-11697, 11701-11707, 11711-11717, 11721-11727, 11731-11737, 11741-11747, 11751-11757, 11761-11767, 11771-11777, 11781-11787, 11791-11797, 11801-11807, 11811-11817, 11821-11827, 11831-11837, 11841-11847, 11851-11857, 11861-11867, 11871-11877, 11881-11887, 11891-11897, 11901-11907, 11911-11917, 11921-11927, 11931-11937, 11941-11947, 11951-11957, 11961-11967, 11971-11977, 11981-11987, 11991-11997, 12001-12007, 12011-12017, 12021-12027, 12031-12037, 12041-12047, 12051-12057, 12061-12067, 12071-12077, 12081-12087, 12091-12097, 12101-12107, 12111-12117, 12121-12127, 12131-12137, 12141-12147, 12151-12157, 12161-12167, 12171-12177, 12181-12187, 12191-12197, 12201-12207, 12211-12217, 12221-12227, 12231-12237, 12241-12247, 12251-12257, 12261-12267, 12271-12277, 12281-12287, 12291-12297, 12301-12307, 12311-12317, 12321-12327, 12331-12337, 12341-12347, 12351-12357, 12361-12367, 12371-12377, 12381-12387, 12391-12397, 12401-12407, 12411-12417, 12421-12427, 12431-12437, 12441-12447, 12451-12457, 12461-12467, 12471-12477, 12481-12487, 12491-12497, 12501-12507, 12511-12517, 12521-12527, 12531-12537, 12541-12547, 12551-12557, 12561-12567, 12571-12577, 12581-12587, 12591-12597, 12601-12607, 12611-12617, 12621-12627, 12631-12637, 12641-12647, 12651-12657, 12661-12667, 12671-12677, 12681-12687, 12691-12697, 12701-12707, 12711-12717, 12721-12727, 12731-12737, 12741-12747, 12751-12757, 12761-12767, 12771-12777, 12781-12787, 12791-12797, 12801-12807, 12811-12817, 12821-12827, 12831-12837, 12841-12847, 12851-12857, 12861-12867, 12871-12877, 12881-12887, 12891-12897, 12901-12907, 12911-12917, 12921-12927, 12931-12937, 12941-12947, 12951-12957, 12961-12967, 12971-12977, 12981-12987, 12991-12997, 13001-13007, 13011-13017, 13021-13027, 13031-13037, 13041-13047, 13051-13057, 13061-13067, 13071-13077, 13081-13087, 13091-13097, 13101-13107, 13111-13117, 13121-13127, 13131-13137, 13141-13147, 13151-13157, 13161-13167, 13171-13177, 13181-13187, 13191-13197, 13201-13207, 13211-13217, 13221-13227, 13231-13237, 13241-13247, 13251-13257, 13261-13267, 13271-13277, 13281-13287, 13291-13297, 13301-13307, 13311-13317, 13321-13327, 13331-13337, 13341-13347, 13351-13357, 13361-13

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Time course of fluorogenic substrates

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RECENT 4 THERE ARE 4 OTHER REFERENCES AVAILABLE 4 4 THE 4 4 4

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(20) Dalbey, R; J Biol Chem 1964, 239, 1441-1445

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242. TITLE - RECOMBINANT

243. DATE - 1984

244. **Recombinant proteins and peptides fusion proteins and peptides**

245. **Benkovic, Stephen J.; Scott, Charles P.; et al.**

246. **Abstract**

247. **Keywords**

248. **Abstract**

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259. **Keywords**

recombinant proteins fusion peptides

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses (Y-axis) is plotted against the number of trials (X-axis). The data points are connected by lines, and the error bars represent the standard error of the mean. The number of correct responses increases with the number of trials, reaching a plateau around 10 trials.

Reporter Protein-Peptide

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (○), 10⁷ cells/ml (□), 10⁸ cells/ml (△), and 10⁹ cells/ml (◇). The error bars represent the standard deviation of three independent experiments.

Table 1. *Salmonella* serotypes and their phage types in the 1990s

[illegible]

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Figure 1. The effect of the concentration of the Ca^{2+} solution on the Ca^{2+} concentration in the Ca^{2+} solution. The Ca^{2+} concentration in the Ca^{2+} solution was 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.0, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 10.0, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 11.0, 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 12.0, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8, 12.9, 13.0, 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 14.0, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 15.0, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9, 16.0, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7, 16.8, 16.9, 17.0, 17.1, 17.2, 17.3, 17.4, 17.5, 17.6, 17.7, 17.8, 17.9, 18.0, 18.1, 18.2, 18.3, 18.4, 18.5, 18.6, 18.7, 18.8, 18.9, 19.0, 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 19.7, 19.8, 19.9, 20.0, 20.1, 20.2, 20.3, 20.4, 20.5, 20.6, 20.7, 20.8, 20.9, 21.0, 21.1, 21.2, 21.3, 21.4, 21.5, 21.6, 21.7, 21.8, 21.9, 22.0, 22.1, 22.2, 22.3, 22.4, 22.5, 22.6, 22.7, 22.8, 22.9, 23.0, 23.1, 23.2, 23.3, 23.4, 23.5, 23.6, 23.7, 23.8, 23.9, 24.0, 24.1, 24.2, 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9, 25.0, 25.1, 25.2, 25.3, 25.4, 25.5, 25.6, 25.7, 25.8, 25.9, 26.0, 26.1, 26.2, 26.3, 26.4, 26.5, 26.6, 26.7, 26.8, 26.9, 27.0, 27.1, 27.2, 27.3, 27.4, 27.5, 27.6, 27.7, 27.8, 27.9, 28.0, 28.1, 28.2, 28.3, 28.4, 28.5, 28.6, 28.7, 28.8, 28.9, 29.0, 29.1, 29.2, 29.3, 29.4, 29.5, 29.6, 29.7, 29.8, 29.9, 30.0, 30.1, 30.2, 30.3, 30.4, 30.5, 30.6, 30.7, 30.8, 30.9, 31.0, 31.1, 31.2, 31.3, 31.4, 31.5, 31.6, 31.7, 31.8, 31.9, 32.0, 32.1, 32.2, 32.3, 32.4, 32.5, 32.6, 32.7, 32.8, 32.9, 33.0, 33.1, 33.2, 33.3, 33.4, 33.5, 33.6, 33.7, 33.8, 33.9, 34.0, 34.1, 34.2, 34.3, 34.4, 34.5, 34.6, 34.7, 34.8, 34.9, 35.0, 35.1, 35.2, 35.3, 35.4, 35.5, 35.6, 35.7, 35.8, 35.9, 36.0, 36.1, 36.2, 36.3, 36.4, 36.5, 36.6, 36.7, 36.8, 36.9, 37.0, 37.1, 37.2, 37.3, 37.4, 37.5, 37.6, 37.7, 37.8, 37.9, 38.0, 38.1, 38.2, 38.3, 38.4, 38.5, 38.6, 38.7, 38.8, 38.9, 39.0, 39.1, 39.2, 39.3, 39.4, 39.5, 39.6, 39.7, 39.8, 39.9, 40.0, 40.1, 40.2, 40.3, 40.4, 40.5, 40.6, 40.7, 40.8, 40.9, 41.0, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.8, 41.9, 42.0, 42.1, 42.2, 42.3, 42.4, 42.5, 42.6, 42.7, 42.8, 42.9, 43.0, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6, 43.7, 43.8, 43.9, 44.0, 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 44.8, 44.9, 45.0, 45.1, 45.2, 45.3, 45.4, 45.5, 45.6, 45.7, 45.8, 45.9, 46.0, 46.1, 46.2, 46.3, 46.4, 46.5, 46.6, 46.7, 46.8, 46.9, 47.0, 47.1, 47.2, 47.3, 47.4, 47.5, 47.6, 47.7, 47.8, 47.9, 48.0, 48.1, 48.2, 48.3, 48.4, 48.5, 48.6, 48.7, 48.8, 48.9, 49.0, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, 49.9, 50.0, 50.1, 50.2, 50.3, 50.4, 50.5, 50.6, 50.7, 50.8, 50.9, 51.0, 51.1, 51.2, 51.3, 51.4, 51.5, 51.6, 51.7, 51.8, 51.9, 52.0, 52.1, 52.2, 52.3, 52.4, 52.5, 52.6, 52.7, 52.8, 52.9, 53.0, 53.1, 53.2, 53.3, 53.4, 53.5, 53.6, 53.7, 53.8, 53.9, 54.0, 54.1, 54.2, 54.3, 54.4, 54.5, 54.6, 54.7, 54.8, 54.9, 55.0, 55.1, 55.2, 55.3, 55.4, 55.5, 55.6, 55.7, 55.8, 55.9, 56.0, 56.1, 56.2, 56.3, 56.4, 56.5, 56.6, 56.7, 56.8, 56.9, 57.0, 57.1, 57.2, 57.3, 57.4, 57.5, 57.6, 57.7, 57.8, 57.9, 58.0, 58.1, 58.2, 58.3, 58.4, 58.5, 58.6, 58.7, 58.8, 58.9, 59.0, 59.1, 59.2, 59.3, 59.4, 59.5, 59.6, 59.7, 59.8, 59.9, 60.0, 60.1, 60.2, 60.3, 60.4, 60.5, 60.6, 60.7, 60.8, 60.9, 61.0, 61.1, 61.2, 61.3, 61.4, 61.5, 61.6, 61.7, 61.8, 61.9, 62.0, 62.1, 62.2, 62.3, 62.4, 62.5, 62.6, 62.7, 62.8, 62.9, 63.0, 63.1, 63.2, 63.3, 63.4, 63.5, 63.6, 63.7, 63.8, 63.9, 64.0, 64.1, 64.2, 64.3, 64.4, 64.5, 64.6, 64.7, 64.8, 64.9, 65.0, 65.1, 65.2, 65.3, 65.4, 65.5, 65.6, 65.7, 65.8, 65.9, 66.0, 66.1, 66.2, 66.3, 66.4, 66.5, 66.6, 66.7, 66.8, 66.9, 67.0, 67.1, 67.2, 67.3, 67.4, 67.5, 67.6, 67.7, 67.8, 67.9, 68.0, 68.1, 68.2, 68.3, 68.4

fluorometric assay for the peptide-protein

quenching fluorescein [10]. The results are shown in Figure 6.

reporter protein-

[illegible]

Fluorescence quenching

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the released H_2O from the H_2O_2 -loaded hydrogel. The amount of the released H_2O was measured by the weight difference of the hydrogel before and after the release. The concentration of the H_2O_2 solution was 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10 wt. %.

[illegible]

Peptides, amino acids

[illegible]

[illegible]


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reporter : GFP fluorescence; fluorescence : GFP fluorescence.
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fluorescence

Fluorometers

1990 2000 2010 2020 2030 2040 2050 2060 2070 2080 2090 2100
 1990 2000 2010 2020 2030 2040 2050 2060 2070 2080 2090 2100
 1990 2000 2010 2020 2030 2040 2050 2060 2070 2080 2090 2100

[illegible]

Reporter gene

```

#----- fluorescence -----#
#----- fluorescence -----#
#----- fluorescence -----#

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Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of α -methylstyrene in the presence of SnCl_4 at 50°C . The concentration of SnCl_4 was 10^{-3} mole/l. The concentration of α -methylstyrene was 0.5 mole/l. The concentration of the inhibitor was: (a) 0.001 mole/l. (b) 0.002 mole/l. (c) 0.004 mole/l. (d) 0.008 mole/l. (e) 0.016 mole/l. (f) 0.032 mole/l. (g) 0.064 mole/l. (h) 0.128 mole/l. (i) 0.256 mole/l. (j) 0.512 mole/l. (k) 1.024 mole/l. (l) 2.048 mole/l. (m) 4.096 mole/l. (n) 8.192 mole/l. (o) 16.384 mole/l. (p) 32.768 mole/l. (q) 65.536 mole/l. (r) 131.072 mole/l. (s) 262.144 mole/l. (t) 524.288 mole/l. (u) 1048.576 mole/l. (v) 2097.152 mole/l. (w) 4194.304 mole/l. (x) 8388.608 mole/l. (y) 16777.216 mole/l. (z) 33554.432 mole/l. (aa) 67108.864 mole/l. (ab) 134217.728 mole/l. (ac) 268435.456 mole/l. (ad) 536870.912 mole/l. (ae) 1073741.824 mole/l. (af) 2147483.648 mole/l. (ag) 4294967.296 mole/l. (ah) 8589934.592 mole/l. (ai) 17179869.184 mole/l. (aj) 34359738.368 mole/l. (ak) 68719476.736 mole/l. (al) 137438953.472 mole/l. (am) 274877906.944 mole/l. (an) 549755813.888 mole/l. (ao) 1099511627.776 mole/l. (ap) 2199023255.552 mole/l. (aq) 4398046511.104 mole/l. (ar) 8796093022.208 mole/l. (as) 17592186044.416 mole/l. (at) 35184372088.832 mole/l. (au) 70368744177.664 mole/l. (av) 140737488355.328 mole/l. (aw) 281474976710.656 mole/l. (ax) 562949953421.312 mole/l. (ay) 1125899906842.624 mole/l. (az) 2251799813685.248 mole/l. (ba) 4503599627370.496 mole/l. (bb) 9007199254740.992 mole/l. (bc) 18014398509481.984 mole/l. (bd) 36028797018963.968 mole/l. (be) 72057594037927.936 mole/l. (bf) 144115188075855.872 mole/l. (bg) 288230376151711.744 mole/l. (bh) 576460752303423.488 mole/l. (bi) 1152921504606846.976 mole/l. (bj) 2305843009213693.952 mole/l. (bk) 4611686018427387.904 mole/l. (bl) 9223372036854775.808 mole/l. (bm) 18446744073709551.616 mole/l. (bn) 36893488147419103.232 mole/l. (bo) 73786976294838206.464 mole/l. (bp) 147573952589676412.928 mole/l. (bq) 295147905179352825.856 mole/l. (br) 590295810358705651.712 mole/l. (bs) 1180591620717411303.424 mole/l. (bt) 2361183241434822606.848 mole/l. (bu) 4722366482869645213.696 mole/l. (bv) 9444732965739290427.392 mole/l. (bw) 18889465931478580854.784 mole/l. (bx) 37778931862957161709.568 mole/l. (by) 75557863725914323419.136 mole/l. (bz) 151115727451828646838.272 mole/l. (ca) 302231454903657293676.544 mole/l. (cb) 604462909807314587353.088 mole/l. (cc) 1208925819614629174706.176 mole/l. (cd) 2417851639229258349412.352 mole/l. (ce) 4835703278458516698824.704 mole/l. (cf) 9671406556917033397649.408 mole/l. (cg) 19342813113834066795298.816 mole/l. (ch) 38685626227668133590597.632 mole/l. (ci) 77371252455336267181195.264 mole/l. (cj) 154742504910672534362390.528 mole/l. (ck) 309485009821345068724781.056 mole/l. (cl) 618970019642690137449562.112 mole/l. (cm) 1237940039285380274899124.224 mole/l. (cn) 2475880078570760549798248.448 mole/l. (co) 4951760157141521099596496.896 mole/l. (cp) 9903520314283042199192993.792 mole/l. (cq) 19807040628566084398385987.584 mole/l. (cr) 39614081257132168796771975.168 mole/l. (cs) 79228162514264337593543950.336 mole/l. (ct) 158456325028528675187087900.672 mole/l. (cu) 316912650057057350374175801.344 mole/l. (cv) 633825300114114700748351602.688 mole/l. (cw) 1267650600228229401496703205.376 mole/l. (cx) 2535301200456458802993406410.752 mole/l. (cy) 5070602400912917605986812821.504 mole/l. (cz) 10141204801825835211973625643.008 mole/l. (da) 20282409603651670423947251286.016 mole/l. (db) 40564819207303340847894502572.032 mole/l. (dc) 81129638414606681695789005144.064 mole/l. (dd) 162259276829213363391578010288.128 mole/l. (de) 324518553658426726783156020576.256 mole/l. (df) 649037107316853453566312041152.512 mole/l. (dg) 1298074214633706907132624082305.024 mole/l. (dh) 2596148429267413814265248164610.048 mole/l. (di) 5192296858534827628530496329220.096 mole/l. (dj) 10384593717069655257060992658440.192 mole/l. (dk) 20769187434139310514121985316880.384 mole/l. (dl) 41538374868278621028243970633760.768 mole/l. (dm) 83076749736557242056487941267521.536 mole/l. (dn) 166153499473114484112975882535043.072 mole/l. (do) 332306998946228968225951765070086.144 mole/l. (dp) 664613997892457936451903530140172.288 mole/l. (dq) 1329227995784915872903807060280344.576 mole/l. (dr) 2658455991569831745807614120560689.152 mole/l. (ds) 5316911983139663491615228241121378.304 mole/l. (dt) 10633823966279326983230456482242756.608 mole/l. (du) 21267647932558653966460912964485513.216 mole/l. (dv) 42535295865117307932921825928971026.432 mole/l. (dw) 85070591730234615865843651857942052.864 mole/l. (dx) 170141183460469231731687303715884105.728 mole/l. (dy) 340282366920938463463374607431768211.456 mole/l. (dz) 680564733841876926926749214863536422.912 mole/l. (ea) 1361129467683753853853498429727072845.824 mole/l. (eb) 2722258935367507707706996859454145691.648 mole/l. (ec) 5444517870735015415413993718908291383.296 mole/l. (ed) 10889035741470030830827987437816582766.592 mole/l. (ee) 21778071482940061661655974875633165533.184 mole/l. (ef) 43556142965880123323311949751266331066.368 mole/l. (eg) 8711228593176024664662389950

fluorescence $\lambda_{\text{exc}} = 365 \text{ nm}$; $\lambda_{\text{em}} = 440 \text{ nm}$; $\lambda_{\text{exc}} = 365 \text{ nm}$; $\lambda_{\text{em}} = 440 \text{ nm}$.

fluorescence: 0.001 g/ml; 0.001 g/ml; 0.001 g/ml; 0.001 g/ml; 0.001 g/ml

Proteins, 2000, 28, 1-10

green fluorescent; $\lambda_{\text{exc}} = 488 \text{ nm}$; $\lambda_{\text{em}} = 515 \text{ nm}$.

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

reporter gene; GFP::GFP::fluorescence

Combinatorial

9001-92-7, Protease

[illegible][illegible][illegible]

127:187497

Fluorogenic substrates : proteinases

with cleavage sites flanked by a letter that exhibits fluorescence
residual methyl groups

[illegible][illegible]

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28 °C. The cell concentration of the strains was adjusted to 1.0 × 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and the transformation efficiency was determined. The results were expressed as the mean ± SD of three independent experiments. The different letters indicate significant differences (*P* < 0.05) according to the Duncan's multiple range test.

100

PRAI US 1996-094373 1996.09.01
 WO 1997-001487 1997.01.01
 AB Fluorogenic peptide assay substrates :
 proteinases are described. The peptides are derived
 from the cleavage sites of the proteinase and are characterized
 fluorescence and exhibit energy transfer. The peptides are
 modified exhibit fluorescence and energy transfer. FRET
 that is exhibited in a fluorogenic assay may be
 used to the peptide. The peptide may be
 part of a fused protein that exhibits natural
 fluorescence resonance energy transfer, e.g., with a
 green fluorescent protein. A pair of
 peptides exhibiting FRET may be used in assay many reactions
 reactions where the group of interest would be implicated. A
 fusion protein of a green fluorescent
 protein and a blue fluorescent protein are
 connected by a linker that includes a cleavage site for trypsin, chymotrypsin
 and enterokinase was used. By expression the gene in
 Escherichia coli. The fusion protein exhibited
 green fluorescence. When treated by trypsin, the
 green emission disappeared and a blue emission and
 fluorescence of the blue protein arises. The individual
 green and blue fluorescent proteins showed no
 changes in fluorescence indicating that they were resistant to
 trypsin.
 ST fluorescent resonance energy transfer proteinase
 assay; FRET green fluorescent protein
 proteinase assay
 IT Resonant energy transfer
 (fluorescent; fluorogenic assay substrates
 for proteinases with cleavage sites flanked by residues that
 exhibit fluorescence resonance energy transfer
 IT Fluorometry
 fluorogenic assay substrates :
 proteinases with cleavage sites flanked by residues that
 exhibit fluorescence resonance energy transfer
 IT Fusion proteins chimeric proteins
 FI: Amino Acid Analysis; HPLC; Fluorimetry; Spectroscopy; ANTS
 Analytical Chemistry; HPLC; HPLC; HPLC; HPLC; HPLC; HPLC
 fluorogenic, as proteinase assay
 substrates; fluorogenic assay substrates
 for proteinases with cleavage sites flanked by residues that
 exhibit fluorescence resonance energy transfer
 IT Peptides, proteinases

[illegible]

147336-22-9 (green fluorescent protein)
 *Luminescent Proteins: CH, chemistry
 *Luminescent Proteins: GE, genetics
 Mutagenesis, Site-Directed
 Peptide Fragments: AM, analysis
 Peptide Synthesis: CH, chemistry
 Process: CH, chemistry
 Protein Structure, Secondary: CH, chemistry
 Spectrometry, Mass, Matrix-Assisted Laser Desorption-Ionization
 Transfer-Arrested Reactions
 X-ray Crystallography: CH, chemistry
 X-ray: CH, chemistry
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Base Sequence
 Cloning, Molecular
 DNA Primers
 Luminescent Proteins: CH, chemistry
 Luminescent Proteins: GE, genetics
 Molecular Sequence Data
 Mutagenesis
 Recombinant Fusion Proteins: AN, analysis
 Spectrometry, Fluorescence
 147336-22-9 (green fluorescent protein)
 DNA Primers; Luminescent Proteins; Recombinant Fusion Proteins

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 FILE, PLEASE VISIT:
<http://www.patent.com>

1. *Journal of the American Medical Association*, 1997; 277: 1033-1037.

antibiotic, with a daily dose of 100 mg.

The preparation of the antibiotic is described in the following: The antibiotic is prepared by the fermentation of a culture of the bacterium *Streptomyces* sp. in a medium containing glucose, casein, and yeast extract, with the addition of 100 mg of penicillin G per liter of medium.

The antibiotic is then purified by extraction with chloroform, followed by evaporation of the solvent, and the residue is dried under vacuum.

The antibiotic is then formulated as a powder for oral administration, containing 100 mg of antibiotic per 500 mg of powder.

protease, part of the protease complex
proteinase, part of the protease complex
fluorescent proteins

The following are the names of the proteins which are part of the protease complex, and which are also fluorescent proteins:

1. **Proteinase**

2. **Proteinase**

3. **Proteinase**

4. **Proteinase**

5. **Proteinase**

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60. **Proteinase**

High-throughput Screening between the cell and a target molecule is based on the detection of a predetermined characteristic in a cell line e.g. the ability to specifically bind a target molecule, a ability to modulate a cell chemical reaction. The target molecule is a cell-associated molecule, membrane-associated molecule, intracellular molecule e.g. nuclear molecule or organelle such as mitochondria, lysosomes, endoplasmic reticulum, chloroplasts, post or periplasmic or extracellular molecule. The biochemical reaction is a cell-associated process, intracellular metabolic event, membrane-associated event, nuclear event or extracellular reaction. The screening is done comprises receiving a cell sample, a cell-associated signal, analyzing the cell sample to determine a signal, analyzing the reproduction of an organism, testing the response molecule for the predetermined characteristic and also be carried out using a hybrid system. The cell sample may be analyzed in a cell-based or cell-free

the 1990s, the number of people in the world who are undernourished has declined from 1.1 billion to 800 million. The number of people who are malnourished has declined from 1.5 billion to 1 billion. The number of people who are obese has increased from 100 million to 300 million. The number of people who are overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million.

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2015.

[illegible]

C12N015-62;

[illegible]

protein

NOTE: If you have a question about this document, please contact the Department of the Secretary of Defense at 2035 Defense Pentagon, Washington, DC 20301-2035.

1. *Phragmites australis* (Cav.) Trin. ex Steud.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015.

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      protein : protein [709] 86

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protein domain; 100% identity

the protein or protein domain in a is broadly interesting with a protein or protein

$\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{i=1}^n \log \frac{f(x_i)}{g(x_i)} = \int \log \frac{f(x)}{g(x)} d\mu(x)$

green fluorescent protein GFP (10)
is red-shifted in its excitation and its emission spectra compared with wild
type GFP;

protein-protein interactions, the protein-protein interaction database

1. "Molecular Biology" - Review the principles and techniques of molecular biology, including the structure and function of DNA, RNA, and proteins, and the processes of transcription and translation.

2. "Molecular Biology" - In 1991, the first human genome was sequenced, and the protein interactions were identified. The human genome is a complex system, and the protein interactions are a key component of the system. The protein interactions are a key component of the system, and the protein interactions are a key component of the system.

3. "Molecular Biology" - In 1991, the first human genome was sequenced, and the protein interactions were identified. The human genome is a complex system, and the protein interactions are a key component of the system. The protein interactions are a key component of the system, and the protein interactions are a key component of the system.

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8. "Molecular Biology" - In 1991, the first human genome was sequenced, and the protein interactions were identified. The human genome is a complex system, and the protein interactions are a key component of the system. The protein interactions are a key component of the system, and the protein interactions are a key component of the system.

